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## NOTICE OF ALLOWANCE AND FEE(S) DUE

25281

7590

07/09/2010

DICKE, BILLIG & CZAJA FIFTH STREET TOWERS 100 SOUTH FIFTH STREET, SUITE 2250 MINNEAPOLIS, MN 55402

EXAMINER				
STEWART, ALVIN J				
ART UNIT	PAPER NUMBER			

3774

DATE MAILED: 07/09/2010

	APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/792,186 03/03/2004 Mark			Mark Shu	M190.148.101 /	4896
THE E OF THE PROPERTY OF THE P				P-11480.00	

TITLE OF INVENTION: SUTURE LOCKING ASSEMBLY AND METHOD OF USE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$300	\$0	\$1810	10/12/2010

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

#### HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

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If the SMALL ENTITY is shown as NO:

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B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

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III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

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INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where ar in m

appropriate. All further indicated unless correct maintenance fee notifica	correspondence includir ed below or directed oth	ng the Patent, advance onerwise in Block 1, by (	orders and notification of rational specifying a new corresponding to the corresponding to th	maintenance fees v spondence address	vill be and/o	mailed to the current r (b) indicating a sepa	correspondence address as rate "FEE ADDRESS" for
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MINNEAPOLIS	5, MN 55402						(Depositor's name)
							(Signature)
			<u></u>				(Date)
APPLICATION NO.	FILING DATE		FIRST NAMED INVENTOR		ATTC	DRNEY DOCKET NO.	CONFIRMATION NO.
10/792,186	03/03/2004	•	Mark Shu		]	M190.148.101 /	4896
TITLE OF INVENTION	: SUTURE LOCKING A	ASSEMBLY AND METI	HOD OF USE			P-11480.00	
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nonprovisional	NO	\$1510	\$300	<b>\$</b> 0		\$1810	10/12/2010
EXAM	IINER	ART UNIT	CLASS-SUBCLASS	]			
STEWART	C, ALVIN J	3774	623-002400				
☐ "Fee Address" ind	ondence address (or Cha 3/122) attached. ication (or "Fee Address )2 or more recent) attach	2. For printing on the patent front page, list  (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,  (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.					
PLEASE NOTE: Unl	less an assignee is ident h in 37 CFR 3.11. Comp	ified below, no assignee	T a substitute for filing an (B) RESIDENCE: (CITY	atent. If an assign assignment. And STATE OR C	COUNT	TRY)	ocument has been filed for
Please check the appropr	iate assignee category or	categories (will not be p	rinted on the patent):	Individual 🖵 Co	orporat	ion or other private gro	up entity  Government
4a. The following fee(s) are submitted:  ☐ Issue Fee ☐ Publication Fee (No small entity discount permitted) ☐ Advance Order - # of Copies			4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)  A check is enclosed.  Payment by credit card. Form PTO-2038 is attached.  The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number (enclose an extra copy of this form).				
5. Change in Entity Sta	,	· · · · · · · · · · · · · · · · · · ·					_
**	s SMALL ENTITY state		b. Applicant is no lon				FR 1.27(g)(2). e assignee or other party in
interest as shown by the	records of the United Sta	tes Patent and Trademark	of from anyone other than to confice.	пе аррисані; а геді	isterea	attorney or agent; or th	e assignee or other party in
Authorized Signature				Date			
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FIFTH STREET TOWERS			ART UNIT	PAPER NUMBER
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## Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 569 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 569 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

	Application No.	Applicant(s)	
	10/792,186	SHU ET AL.	
Notice of Allowability	Examiner	Art Unit	
	Alvin J. Stewart	3774	
The MAILING DATE of this communication apperal claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RI of the Office or upon petition by the applicant. See 37 CFR 1.313  1. ☑ This communication is responsive to RCE filed on 06/22/10  2. ☑ The allowed claim(s) is/are 1-31 and 54-58 (renumbered  3. ☑ Acknowledgment is made of a claim for foreign priority under the communication of the:  1. ☐ Certified copies of the priority documents have	ears on the cover sheet w (OR REMAINS) CLOSED is or other appropriate comm GHTS. This application is and MPEP 1308. 2. as 1-36). ader 35 U.S.C. § 119(a)-(d)	n this application. If not included unication will be mailed in due cour subject to withdrawal from issue at or (f).	rse. <b>THIS</b>
2. Certified copies of the priority documents have			,
3.	of this communication to file ENT of this application.  itted. Note the attached EX es reason(s) why the oath of the submitted. on's Patent Drawing Revie s Amendment / Comment of the header according to 37 Ch sit of BIOLOGICAL MAT	AMINER'S AMENDMENT or NOTI or declaration is deficient.  w ( PTO-948) attached  r in the Office action of the drawings in the front (not the backer) FR 1.121(d).  ERIAL must be submitted. Note	ements CE OF
Attachment(s)  1. ☐ Notice of References Cited (PTO-892)  2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)  3. ☑ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date 06/22/10  4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material	6. ☐ Interview S Paper No. 7. ☐ Examiner's —	nformal Patent Application Summary (PTO-413), /Mail Date : : Amendment/Comment : Statement of Reasons for Allowar 	nce

### Allowable Subject Matter

Page 2

Claims 1-31 and 54-58 are allowed.

## Reasons for Allowance

The following is an examiner's statement of reasons for allowance: After careful consideration of the Applicant's remarks the Examiner has found the independent claims are allowable. There is no evidence in the prior art of having a suture locking assembly for use in a heart valve repair comprising a rim defining a first flange, a second flange spaced from the first flange, a suture band maintained between the first flange and the second flange, wherein relative to a circumferential interface between the rim and the suture band, a radial spacing between the rim and the suture band decreases from a first radial spacing to a second radial spacing, wherein the second radial spacing being circumferential adjacent the first radial spacing.

#### Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Alvin J. Stewart whose telephone number is 571-272-4760. The examiner can normally be reached on Monday-Friday 7:00AM-5:30PM(1 Friday B-week off).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dave Isabella can be reached on 571-272-4749. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Art Unit: 3774

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated

information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Alvin J Stewart/ Primary Examiner, Art Unit 3774

July 6, 2010.